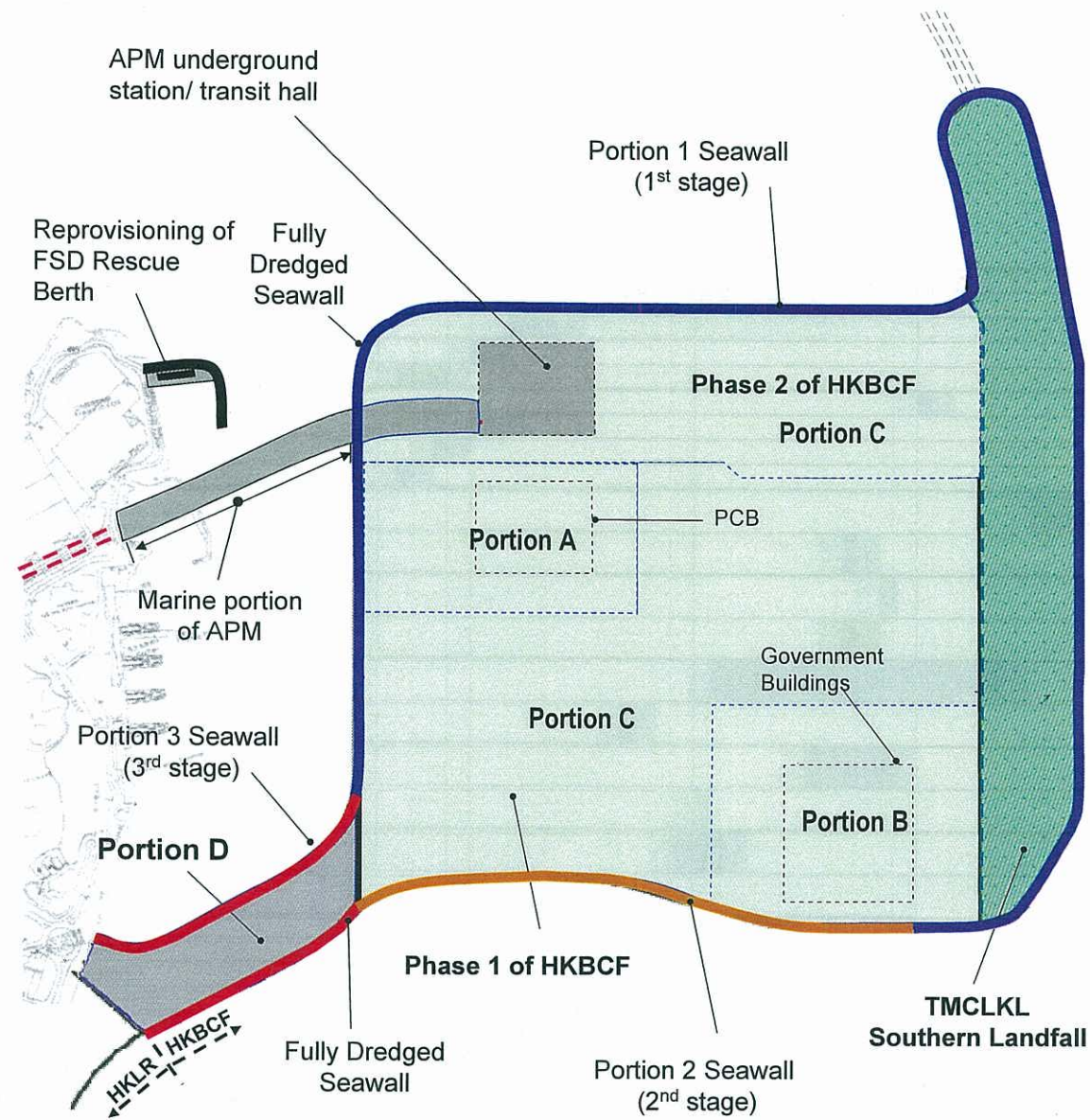


APPENDIX 9A2

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**Construction Sequence  
and Construction  
Programme –  
HKBCF (Sequence B)**



- Fully dredged
  - Non-dredged (with Band Drains)
  - Portion 1 seawall
  - Portion 2 seawall
  - Portion 3 seawall
- } Fully dredged

**Phase 1 of HKBCF**

Seawall – Fully Dredged

- Reclamation:
- Portion A – Non-dredged (with band drains)
  - Portion B – Non-dredged (with band drains)
  - Portion C – Non-dredged (with band drains)
  - Portion D – Fully dredged
  - FSD Rescue Berth – Fully dredged

**Phase 2 of HKBCF**

Seawall – Fully dredged

Reclamation – Non-dredged (with band drains) except the areas at underground APM station and tunnel by fully dredged.



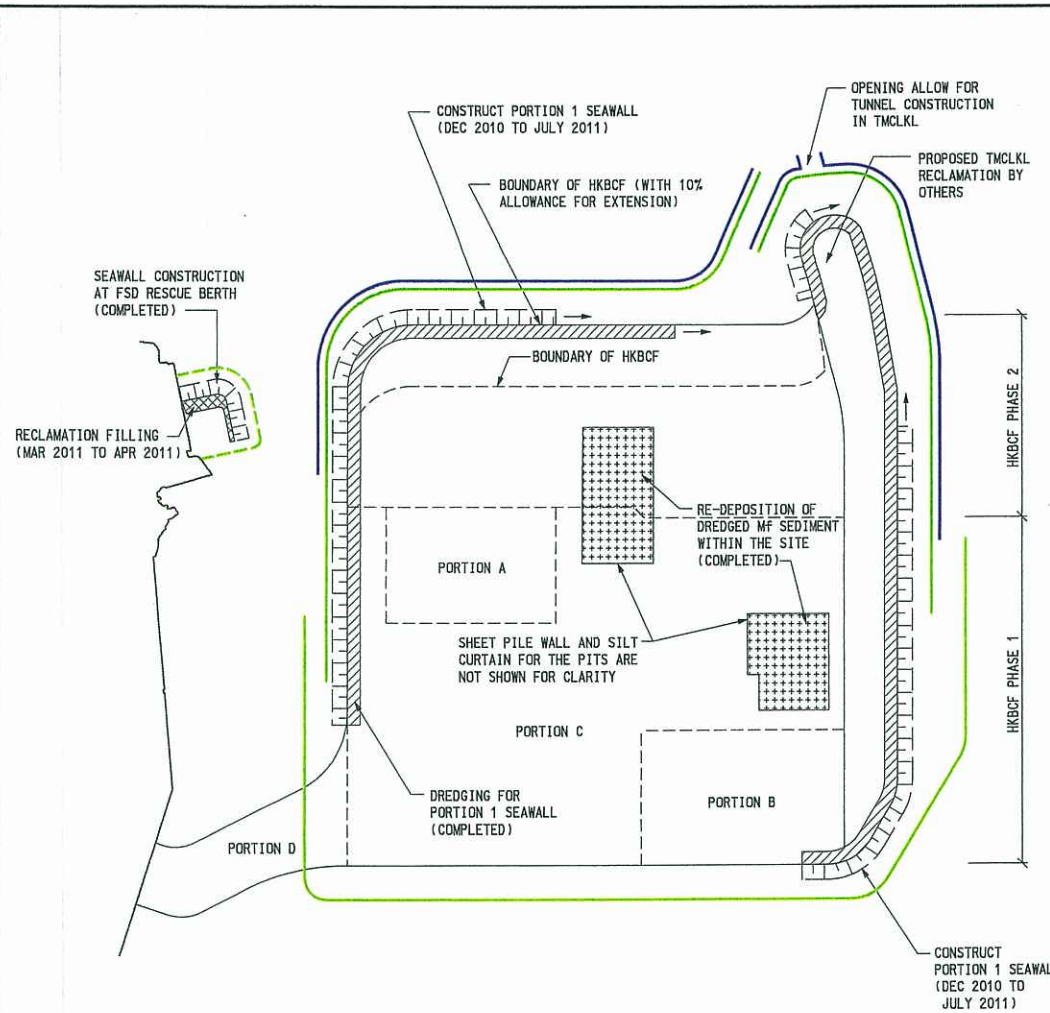
The reclamation sequence of HKBCF (Sequence B) and the layout of mitigation measures including temporary steel sheet pile walls and silt curtain are shown on **Drawings 301A to 304A** in **Appendix 9A2**. In general, the seawall at the peripheral of HKBCF site is anticipated to be carried out first and the reclamation would start when substantial length of seawall is constructed to protect the reclamation filling. Temporary steel sheet pile wall near the northern edge of HKBCF site would be installed to protect silt curtain against strong current. Assuming the reclamation of HKBCF commence in Aug 2010, the envisaged reclamation sequence is as follows:

- 1) Install the temporary steel sheet pile wall near the northern edge of site and the silt curtain around the site as shown in Stage 1 of **Drawing 301A** in **Appendix 9A2**. In order to enable the commencement of reclamation works before the sheet pile wall is installed, the northern side of silt curtain would be installed near to HKBCF Phase 1 where it would not be affected by the current. Moreover, the temporary steel sheet pile wall and silt curtain would also be installed for forming the pits to receive the Mf sediment dredged from the site.
- 2) Portion 1 seawall is to be constructed first by commencing the dredging at the south-east and south-west corners of the site as shown in Stage 1 of **Drawing 301A** in **Appendix 9A2**. The dredging for the seawall and reclamation of FSD Rescues Berth at the western side of HKBCF site would be carried out at the same time.
- 3) After installation of sheet pile wall, the northern side of silt curtain would be shifted to the area outside the northern edge of HKBCF site. Dredging would be carried out to form the pits to receive Mf sediment as shown in Stage 2 of **Drawing 301A** in **Appendix 9A2**. According to the current ground investigation information, the dredging at northern seawall would involve some Mf sediment and it would be deposited to the pits within the sheet pile wall and silt curtain as shown in Stage 3 of **Drawing 301A** in **Appendix 9A2**.
- 4) It is anticipated that the seawall filling for Portion 1 seawall and FSD Rescue Berth would commence in December 2010 and January 2011 respectively. A gap of about 100m at the northern seawall as shown in Stage 4 of **Drawing 302A** in **Appendix 9A2** would be left for the temporary marine access to enable the reclamation works in HKBCF. After completion of the northern seawall, the northern temporary sheet pile wall would then be removed.
- 5) As shown in Stages 4 and 5 of **Drawings 302A and 303A** in **Appendix 9A2**, it is anticipated that the dredging and filling of Portion 2 seawall would commence in June 2011 and August 2011 respectively. After substantial length of Portion 2 seawall is completed, the reclamation filling (i.e. sand blanket) at Portion A and Portion C (Phase 1) is anticipated to start in August 2011 and September 2011 respectively.
- 6) Following completion of Portion 2 seawall, the filling of Portion 3 seawall would commence in January 2012. A gap of about 100m at Portion 2 seawall as shown in Stage 5 of **Drawing 303A** in **Appendix 9A2** would be left for the temporary marine access to enable the reclamation works in HKBCF.
- 7) Dredging and filling for the installation of immerse tube tunnel of Automatic People Mover (APM) and underground station are anticipated to be carried out August 2011 to March 2013.

- 8) As shown in Stages 6 and 7 of **Drawings 303A and 304A** in **Appendix 9A2**, the reclamation filling of HKBCF Phase 1 is generally in the direction from the east to west except that reclamation filling at Portion A is to be completed earlier in March 2012 so as to allow more time for the construction of Passenger Clearance Building (PCB). In addition, the direction of dredging and filling in Portion D is from the west to east to suit the temporary access at the seawall. The filling at the Mf pits would be carried out within the temporary sheet pile wall and silt curtain at the same time with the reclamation filling outside the pits. After 2m thick sandfill has been placed to protect and cover the Mf sediment within the pits, the sheet piles would be cut and then removed for the reclamation to proceed.
- 9) Construction of seawall is anticipated to be completed in Stage 7 as shown on **Drawing 304A** in **Appendix 9A2** except the temporary openings for marine access mentioned in (4) and (6) above. As the reclamation filling is fully enclosed by the seawall, the silt curtain at the peripheral of HKBCF site is no longer required.
- 10) After completion of HKBCF Phase 1, the reclamation filling would proceed to HKBCF Phase 2 as shown in Stage 8 of **Drawing 304A** in **Appendix 9A2**.
- 11) The reclamation of HKBCF is completed after the filling in Phase 2 and completion of remaining section of seawall allowed for the temporary marine access.



29/7/2009  
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**NOTE:**

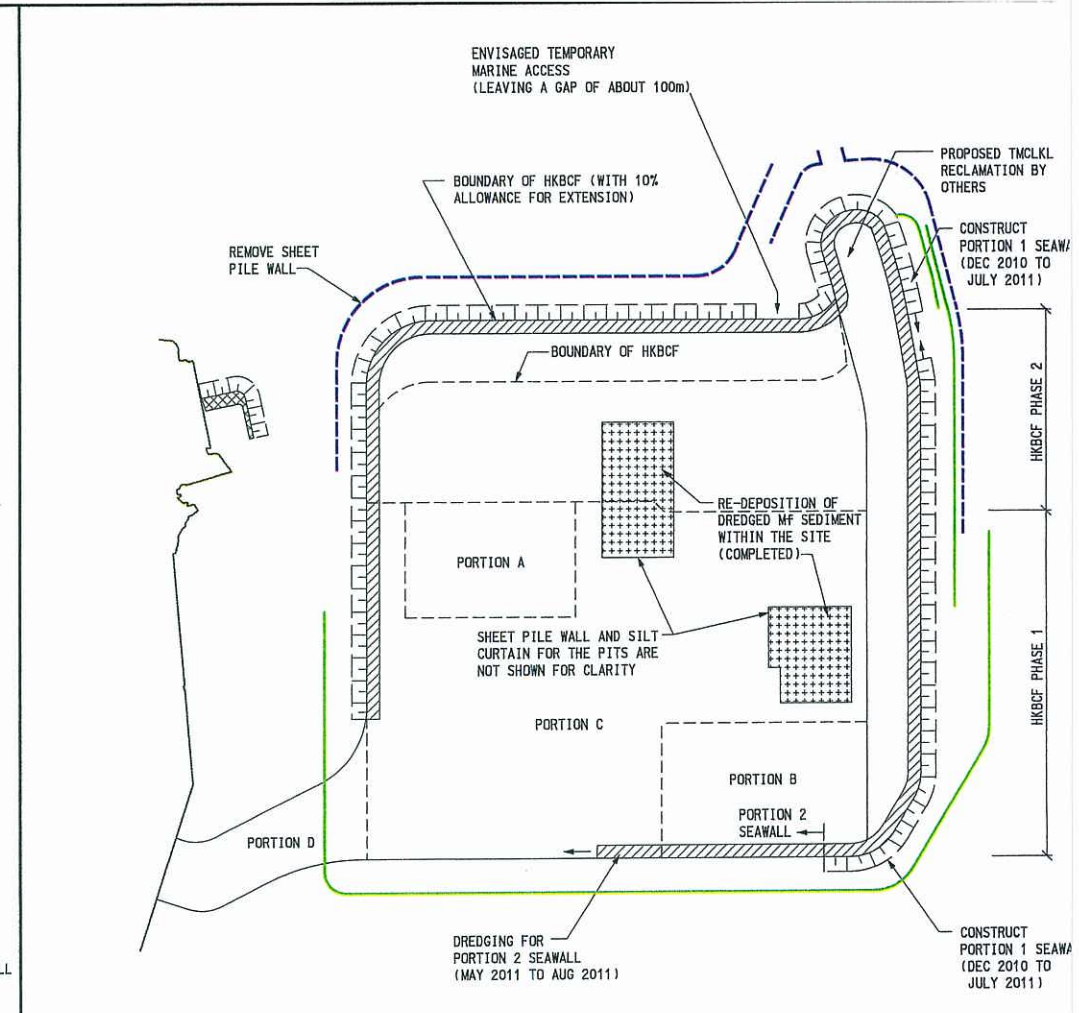
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SECOND MEASURE: SINGLE SILT CURTAIN AROUND THE SITE (SEE TYPICAL SECTION ATTACHED)

**LEGEND:**

- STEEL SHEET PILE WALL
- SINGLE SILT CURTAIN
- DREDGED AREA
- COMPLETED SLOPING SEAWALL
- RE-DEPOSITION OF DREDGED MF SEDIMENT
- RECLAMATION WORKS COMPLETED

STAGE 3 (ON APR 2011)



**NOTE:**

FIRST MEASURE: CAGE TYPE SILT CURTAIN FOR ALL GRAB DREDGERS (SEE TYPICAL SECTION ATTACHED)

SECOND MEASURE: SINGLE SILT CURTAIN AROUND THE SITE (SEE TYPICAL SECTION ATTACHED)

**LEGEND:**

- STEEL SHEET PILE WALL
- SINGLE SILT CURTAIN
- DREDGED AREA
- COMPLETED SLOPING SEAWALL
- RE-DEPOSITION OF DREDGED MF SEDIMENT
- RECLAMATION WORKS COMPLETED

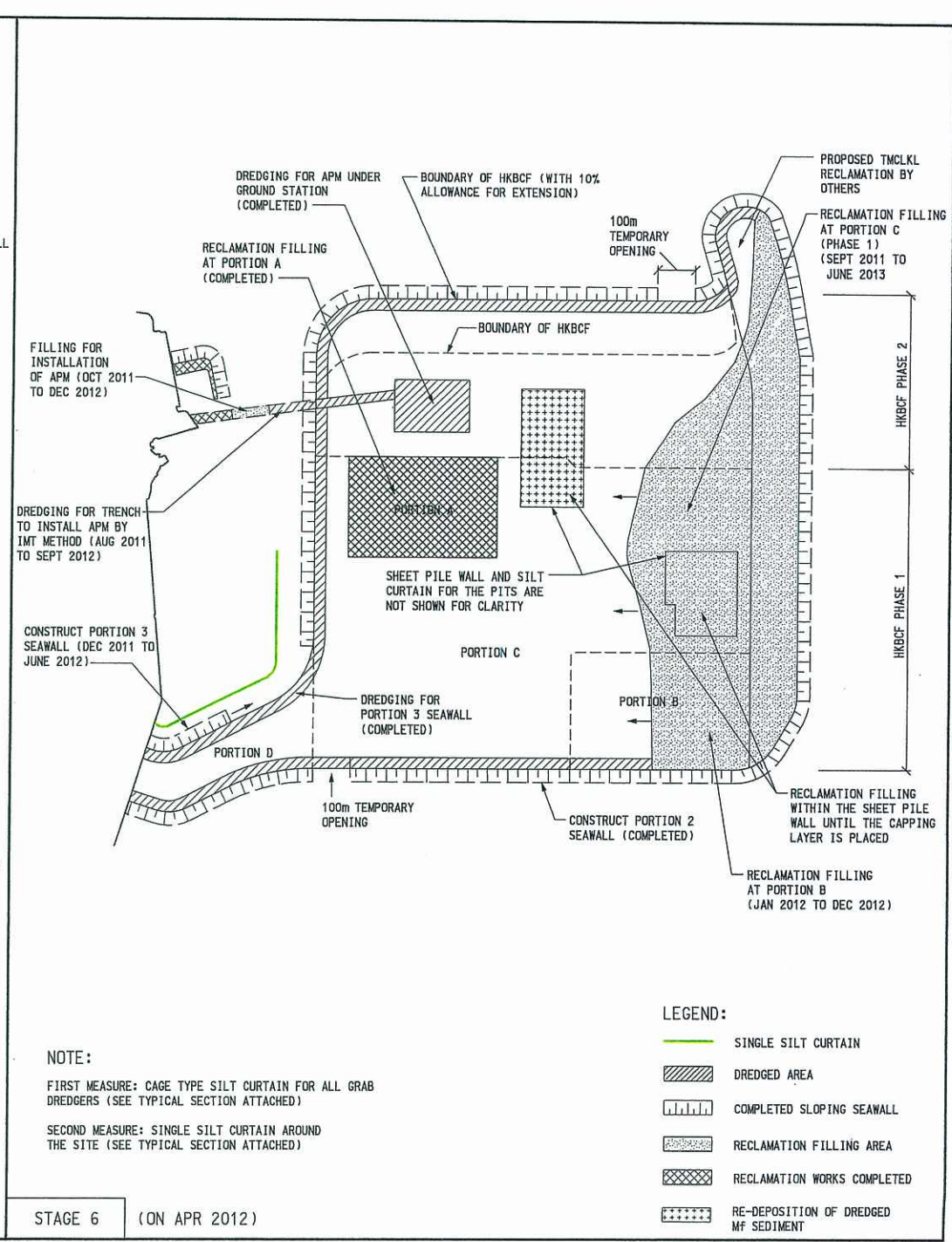
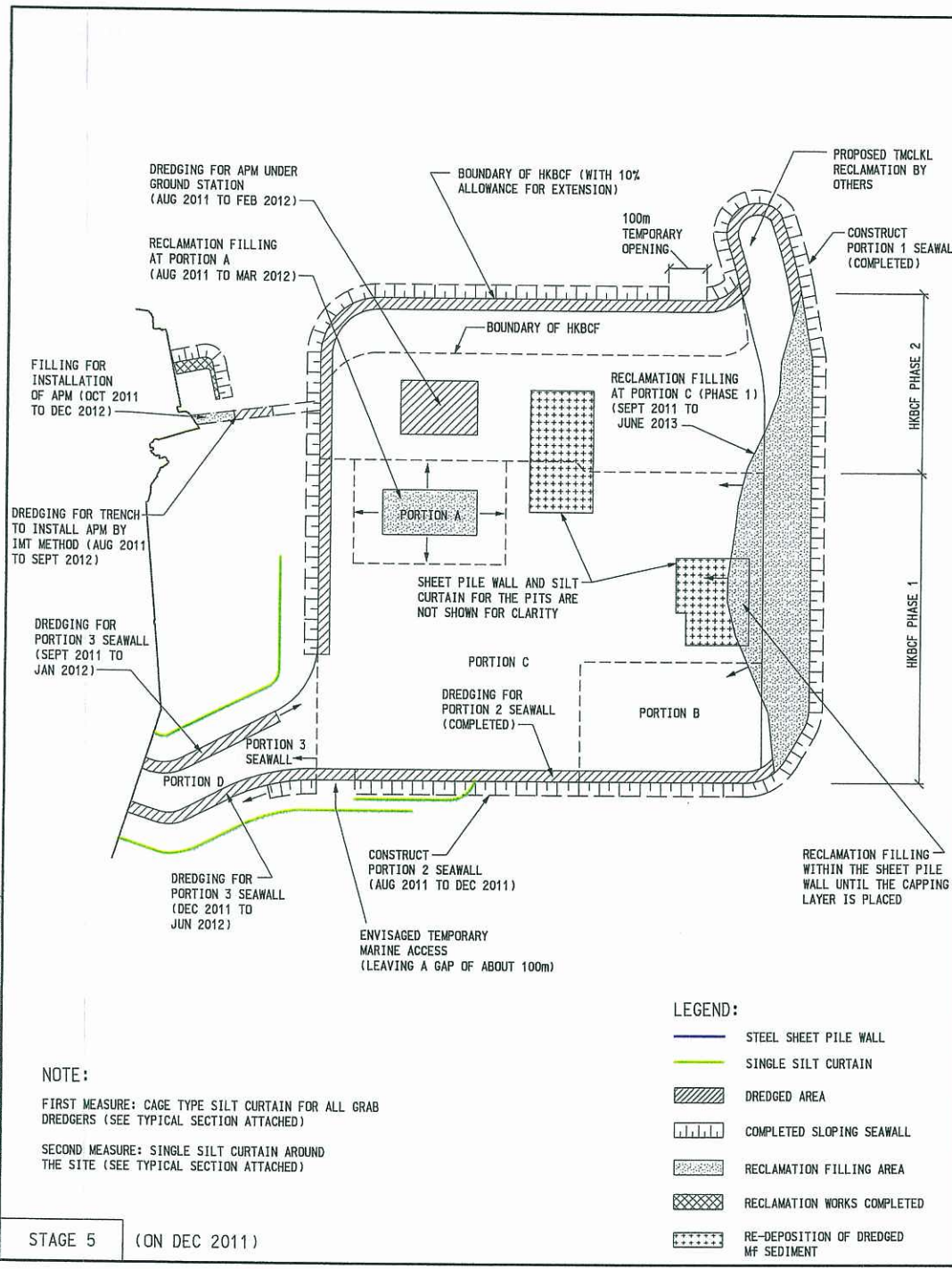
STAGE 4 (ON JUNE 2011)



Job Title  
 Agreement No. CE 14/2008 (CE)  
 Hong Kong-Zhuhai-Macao Bridge Hong Kong  
 Boundary Crossing Facilities - Investigation

Drawing Title  
 ANTICIPATED CONSTRUCTION  
 SEQUENCE OF HKBCF (SEQUENCE B)

	Drawn CN	Date 02/09	Drawing No. 25308/041/302
	Checked SK	Approved AK	
A FIRST ISSUE	02/09	Scale 1:12500 on A3	Status PRELIMINARY
Rev:	Description	Date	Rev.

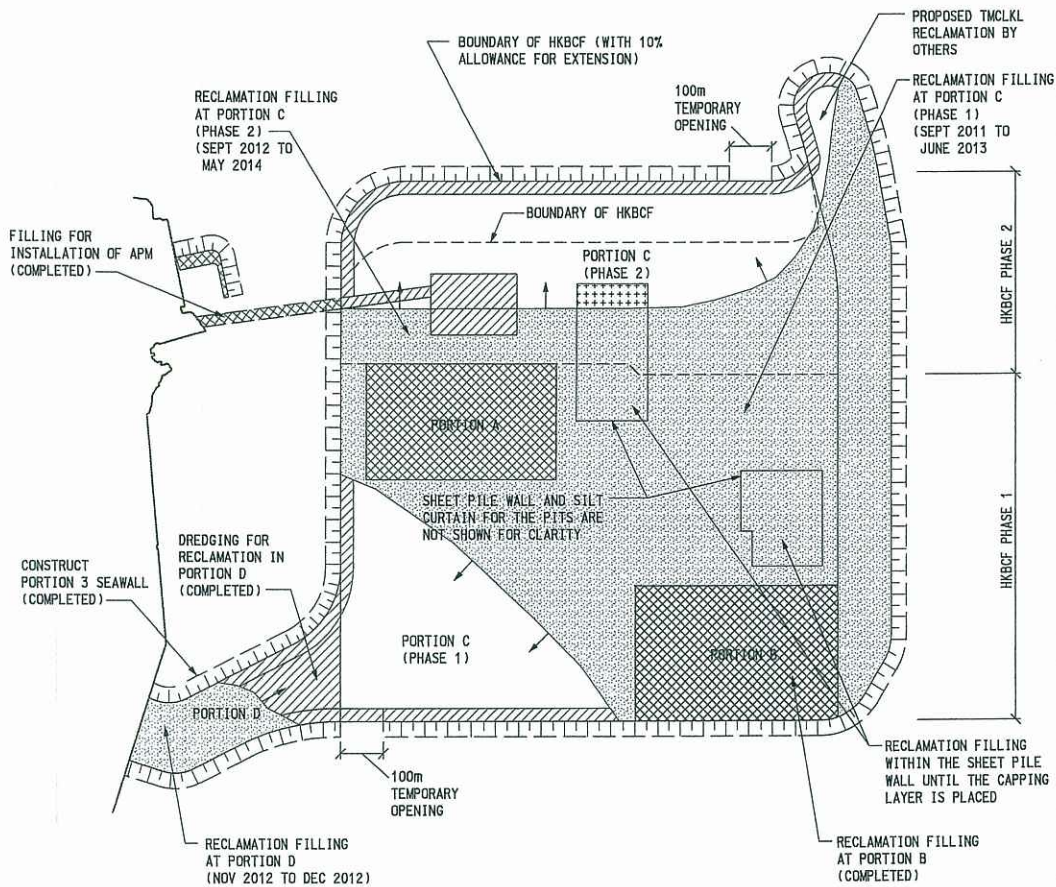


29/7/2009  
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 Printed by :  
 File name :

Drawn	CN	Date	02/09	Drawing No.	25308/041/303A
Checked	SK	Approved	AK	Status	
Rev. 1	A	DESCRIPTION	02/09	Scale	1:12500 on A3
					PRELIMINARY



Printed by : 29/7/2019  
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**NOTE:**

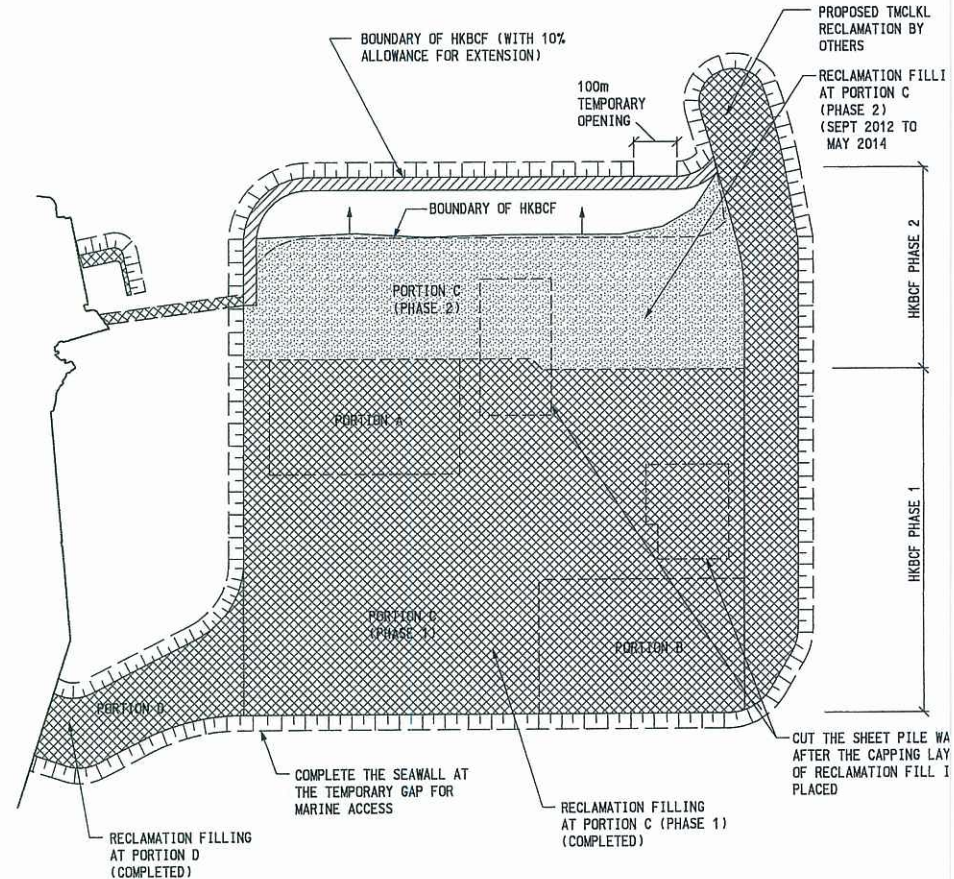
FIRST MEASURE: CAGE TYPE SILT CURTAIN FOR ALL GRAB DREDGERS (SEE TYPICAL SECTION ATTACHED)

SECOND MEASURE: SINGLE SILT CURTAIN AROUND THE SITE (SEE TYPICAL SECTION ATTACHED)

**LEGEND:**

- DREDGED AREA
- COMPLETED SLOPING SEAWALL
- RECLAMATION FILLING AREA
- RECLAMATION WORKS COMPLETED
- RE-DEPOSITION OF DREDGED MF SEDIMENT

STAGE 7 (ON DEC 2012)



**NOTE:**

FIRST MEASURE: CAGE TYPE SILT CURTAIN FOR ALL GRAB DREDGERS (SEE TYPICAL SECTION ATTACHED)

SECOND MEASURE: SINGLE SILT CURTAIN AROUND THE SITE (SEE TYPICAL SECTION ATTACHED)

**LEGEND:**

- DREDGED AREA
- COMPLETED SLOPING SEAWALL
- RECLAMATION FILLING AREA
- RECLAMATION WORKS COMPLETED
- RE-DEPOSITION OF DREDGED MF SEDIMENT

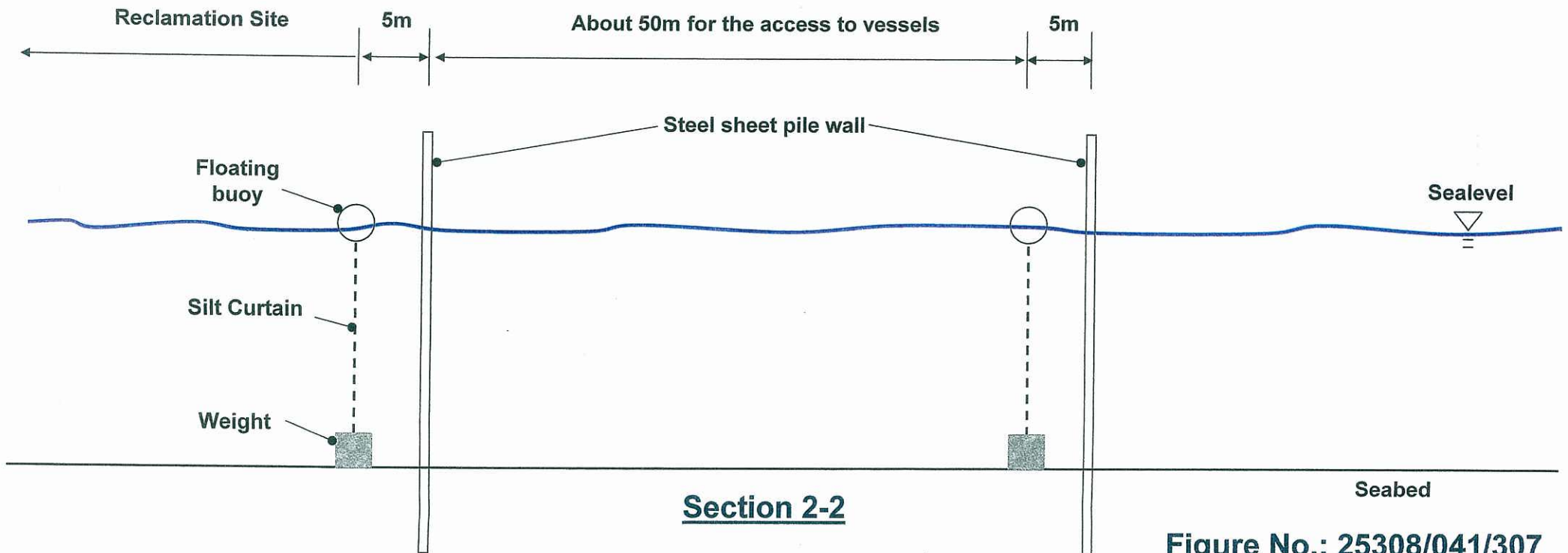
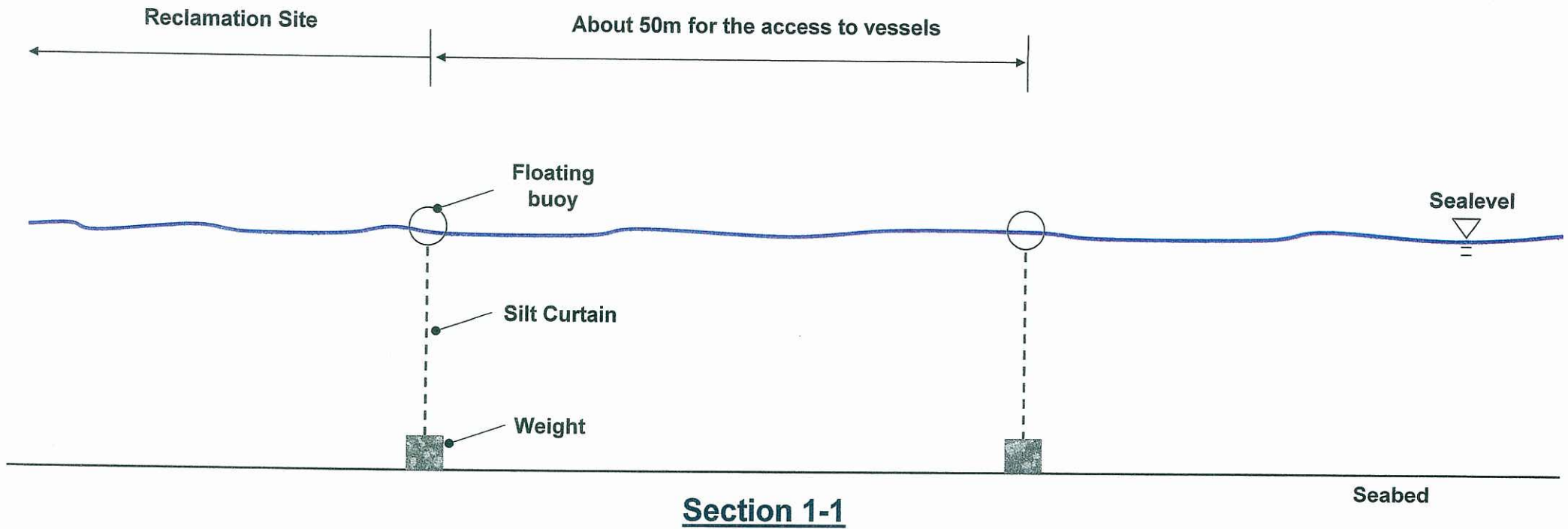
STAGE 8 (ON DEC 2013)



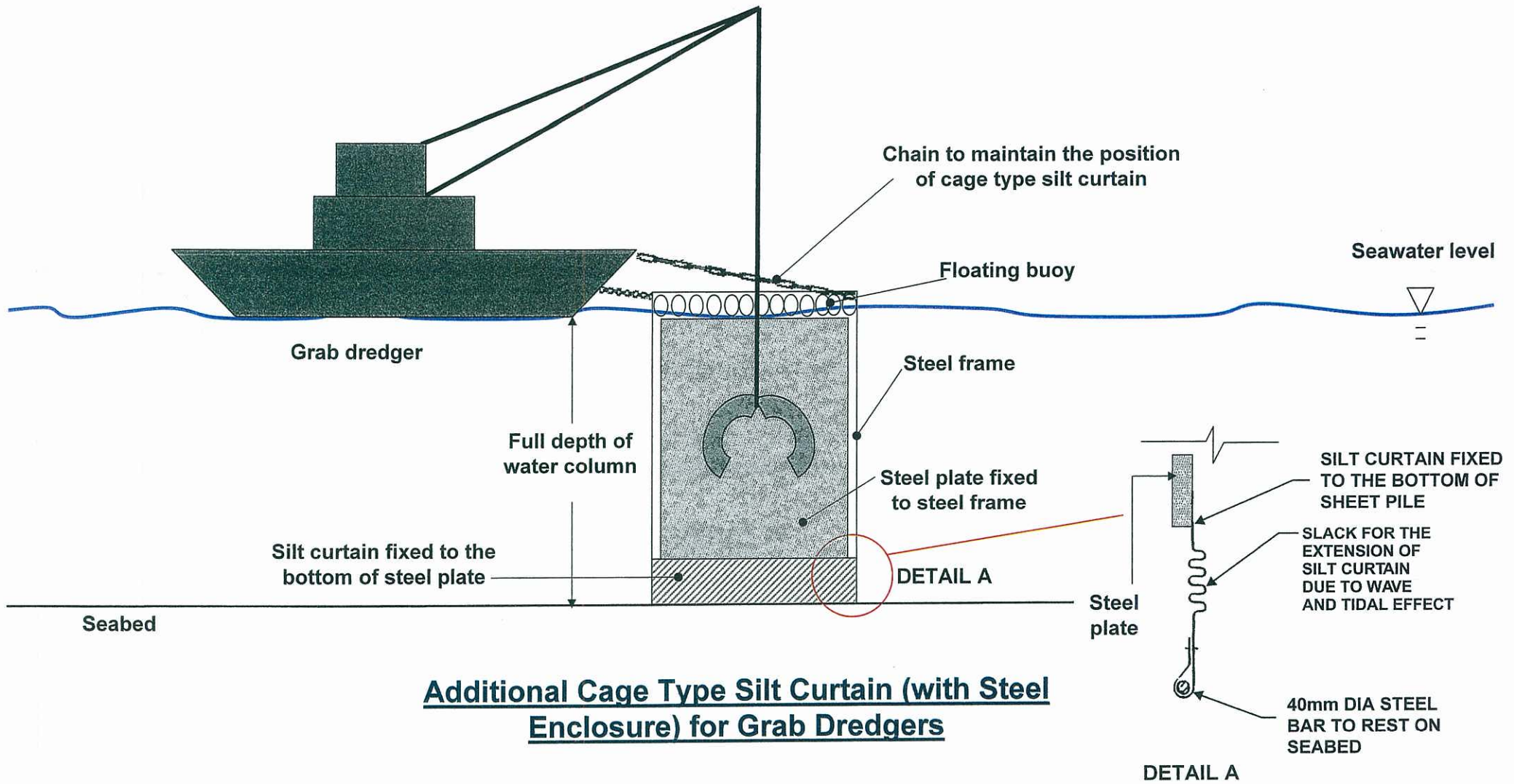
Job Title  
**Agreement No. CE 14/2008 (CE)**  
**Hong Kong-Zhuhai-Macao Bridge Hong Kong**  
**Boundary Crossing Facilities - Investigation**

Drawing Title  
**ANTICIPATED CONSTRUCTION**  
**SEQUENCE OF HKBCF (SEQUENCE B)**

Drawn	CN	Date	02/09	Drawing No.	25308/041/304
Checked	SK	Approved	AK	Status	PRELIMINARY
Rev.	A	DESCRIPTION	02/09	Scale	1:12500 on A3



**Figure No.: 25308/041/307**



**Additional Cage Type Silt Curtain (with Steel Enclosure) for Grab Dredgers**